

ABSTRACT OF THE DISCLOSURE

A chlorine-containing gas generant composition and a related method for generating an inflation gas for use in an inflatable restraint system are provided. The chlorine-containing gas generant composition includes a nitrogen-containing fuel such as guanidine nitrate, ammonium perchlorate oxidizer, and a chlorine scavenger present in an amount effective to result in a gaseous effluent that is substantially free of hydrogen chloride when the gas generant is combusted, wherein at least about 98 weight percent of the chlorine scavenger is a copper-containing compound such as a copper nitrate complex, basic copper nitrate, cupric oxide or a combination thereof.